

Hough Complex

CA-PNF- 001324

(0511) P5HV99

AUGUST 22, 2013

Night Operational Period

0600 - 1800

Hough Complex


CA-PNF- 001324

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0600 - 1800

INCIDENT OBJECTIVES	1. Incident Name Hough Complex	2. Date Prepared 8/21/2013	3. Time Prepared 1500															
4. Operational Period August 22, 2013 Night Operations: 1800 – 0600																		
5. General Control Objectives for the Incident (include alternatives) Management Objectives <ol style="list-style-type: none"> 1. Providing for firefighter and public safety is the highest priority. 2. Provide and coordinate protection of structures, timber lands, and infrastructure on public and private lands within the complex. 3. Provide timely information, notification and communications regarding fire activity and effects on air quality. 4. Minimize effects of fire and fire suppression activities on sensitive resources through effective use of resource advisors and close collaboration with cooperators and administering agencies. 5. Maintain a high level of collaboration with local communities, neighboring and cooperating agencies. 6. Minimize disruption to local economies with local communities, neighboring and cooperating agencies. 7. Provide IA response and resources for new starts through the Central Coast Incident Commander. Control Objectives Suppress fires within the complex in the smallest area that can be safely accomplished with available resources.																		
6. Weather Forecast for Period See Attached Weather Forecast																		
7. General Safety Message See Attached Safety Message																		
8. Attachments (mark if attached) <table border="0"> <tr> <td><input checked="" type="checkbox"/> Incident Objectives – ICS 202</td> <td><input checked="" type="checkbox"/> Division Assignment List – ICS 204</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> </tr> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input type="checkbox"/> Human Resource Message</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Weather Forecast</td> <td><input checked="" type="checkbox"/> Incident Safety Analysis – ICS 215A</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input checked="" type="checkbox"/> Air Ops Summary – ICS 220</td> <td><input type="checkbox"/> Incident Map</td> </tr> <tr> <td><input type="checkbox"/> Pocket Card</td> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> Unit Log – ICS 214</td> </tr> </table>				<input checked="" type="checkbox"/> Incident Objectives – ICS 202	<input checked="" type="checkbox"/> Division Assignment List – ICS 204	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Safety Message	<input type="checkbox"/> Human Resource Message	<input checked="" type="checkbox"/> Fire Weather Forecast	<input checked="" type="checkbox"/> Incident Safety Analysis – ICS 215A	<input checked="" type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input checked="" type="checkbox"/> Air Ops Summary – ICS 220	<input type="checkbox"/> Incident Map	<input type="checkbox"/> Pocket Card	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Unit Log – ICS 214
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9. Prepared by (Planning Section Chief) Steve Anderson, PSC2 		10. Approved by (Incident Commander) Mark Nunez, ICT2																

ORGANIZATION ASSIGNMENT LIST		
1. Incident Name HOUGH COMPLEX		
2. Date 08/21/13	3. Time 1500	
4. Operational Period Night 1800-0600 08/22/13		
Position	Name	
5. Incident Commander and Staff		
Incident Commander	Mark Nunez / Mark von Tillow (T)	
Deputy	Dana D'Andrea	
Safety Officer	Tom Zeulner / Rick Bertram	
Information Officers	Helen Tarbet / Manny Madrigal	
Liaison Officers	Warner McGrew/Randy Graham Jeff Jones/Lee Waldron (T)	
6. Agency Representative		
Agency	Name	
Agency Administrator	Karen Hayden / Michael Donald (T)	
CALFire	Jim Barry	
Forest Safety Officer	Lee Mercer	
Plumas NF Fire Chief	Steve Millert	
OES	John Clary	
7. Planning Section		
Chief	Ann Marx	
Deputy	Steve Anderson	
Resources Unit	Bill Brickey / Pat Caprioli	
Situation Unit	John Germanetti / Mike Held	
Documentation Unit	Debbie Rios	
Demobilization Unit	Dena Foose	
GISS	Mike Fleisher/Wendy Rannals / Scott Powell	
IMET	Mike Smith	
Fire Behavior	Stewart Turner	
Training	Doug Dickson / Tony Ayala (T)	
Computer Specialist	Scott Daniels	
Resource Advisor	Kurt Sable	
8. Logistics Section		
Chief	Tom Crakes	
Deputy	Jerry Bean	
Supply Unit	John Harkleroad	
Facilities Unit	Scott Gardner / Mike Farmer (T)	
Ground Support Unit	Vic Muzyka / John Saunders	
Communications Unit	David Paschke	
Medical Unit	Robert Etheridge / Tye Johnson (T)	
Security Unit		
Food Unit	Kerry Kellogg	

9. Operations Section	
Chief (Day)	Steve Stoll / Mark Smith (T)
Chief (Night)	John Abell Joe Sean Kennedy ICT3 (T)
Planning	Mark Courson (T)
a. Branch I - Division/Groups	
Branch Director	
Deputy	
Division/Group B	
Division/Group H	
Division/Group W/Y	
Division/Group	
Structure Group	
Division/Group IA	
b. Branch II - Division/Groups	
Branch Director	
Deputy	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
c. Branch III - Division/Groups	
Branch Director	
Deputy	
Division/Group	
Division/Group	
Division/Group	
d. Air Operations Branch	
Air Operations Branch Director	Brad Joos
Air Attack Supervisor	Walter Bunt
Air Support Supervisor	Al Driesbach
Helibase Manager	Curt Warner
Air Tanker Coordinator	
10. Finance Section	
Chief	Judy Reynolds
Deputy	Robin Nimura
Time Unit	Casey Bryson
Procurement Unit	
Compensation/Claims Unit	
Cost Unit	
Prepared by (Resource Unit Leader) Bill Brickey, RESL 	



INCIDENT Weather Forecast



FORECAST NO: 3

NAME OF FIRE: Hough Complex

PREDICTION FOR: Thursday Night SHIFT

UNIT: Hough RD, Plumas NF

SHIFT DATE: Aug 22/23, 2013

SIGNED: Mike Smith

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1200 Aug 22, 2013

WEATHER DISCUSSION: The upper level low pressure system which brought the showers and thunderstorms over the last couple of days will be shifting into Oregon overnight. This will mean much more stable conditions with clearing skies overnight. The clearing skies and cool airmass in place will make for a cool night with valley inversions likely to form. Humidity recovery will be moderate but much less than Thursday morning assuming no late afternoon rainfall. Fair and stable conditions are in store for Friday going into the weekend as an upper level trough dropping into the eastern Pacific brings southwest flow to the region. Moderate temperatures and humidity will continue with the onshore flow. Some increase in Southwest ridge winds will occur on Saturday, however, as the upper trough moves closer to the coast.

WEATHER FORECAST:

WEATHER: Partly cloudy in the early evening becoming fair.

TEMPERATURES: Minimum temperatures 54 to 58.

HUMIDITY: Maximum humidity 70 to 78%.

20 FT WINDS:

RIDGETOP – Southwest winds 5 to 10 mph through the early evening hours then light westerly to 5 mph after about 2100.

SLOPE/VALLEY - Upslope to upcanyon 2 to 6 mph becoming downslope to 5 mph after about 2100.

STABILITY/INVERSION: Weak valley inversions settling in after about 2100. Moderately stable aloft.

OUTLOOK FOR (Friday and Friday night): Mostly sunny. Max temperatures 88 to 94. Min humidity 18 to 23%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Slope winds becoming upslope to upcanyon 3-8 mph after about 0900. Clear skies Friday night with minimum temperatures 54-58. Max RH recovery 70-75%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Winds becoming light on the slopes.

OUTLOOK FOR Saturday: Mostly Sunny. High temperatures 88 to 94. Min RH 18 to 23%. Ridge winds southwest 8 to 15 mph with occasional gust to 20 mph. Slope winds upslope to upcanyon 3-8 mph except upper south slopes southwest 4-8 gusts to 12 mph.

EXTRA INFORMATION: Sunrise 6:22 Sunset 7:50

INCIDENT Weather Forecast



NAME OF FIELD: Hough Complex

FORECAST FOR:

UNIT: Hough RD, Pumas NF

PREDICTION FOR: Tuesday Night Shift

SIGNED: Mike Smith

SHIFT DATE: Aug 23/28 2013

Incident Meteorologist

TIME AND DATE
FORECAST ISSUED: 1200 Aug 22, 2013

WEATHER OBSERVATION: The upper level low pressure system which brought the showers and thunderstorms over the last couple of days will be drifting into Oregon overnight. This will mean much more stable conditions with clearing skies and cool air mass in place will make for a cool night with valley inversions likely to form. Humidity recovery will be moderate but much less than Friday morning assuming no late afternoon rainfall. Fair and stable conditions are in store for Friday going into the weekend as an upper level trough dipping into the eastern Pacific brings southwest flow to the region. Moderate temperatures and humidity will continue with the offshore flow. Some increase in southwest ridge winds will occur on Saturday, however, as the upper trough moves closer to the coast.

WEATHER FORECAST:

WEATHER: Partly cloudy in the early evening becoming fair.

TEMPERATURES: Minimum temperatures 64 to 68.

HUMIDITY: Maximum humidity 70 to 75%.

10 FT WINDS:

RIDGE TOP - Southwest winds 5 to 10 mph through the early evening hours then light westerly to 5 mph after about 2100.

SLOPEVALLEY - Upslope to upslope to upslope to 5 mph after about 2100.


STABILITY INVERSION: Weak valley inversions settling in after about 2100. Moderately stable aloft.

OUTLOOK FOR Friday and Friday night: Mostly sunny. Max temperatures 88 to 94. Min humidity 18 to 20%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Slope winds becoming upslope to upslope to 5-8 mph after about 0900. Clear skies Friday night with minimum temperatures 64-68. Max RH recovery 70-75%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Winds becoming light on the slopes.

OUTLOOK FOR Saturday: Mostly Sunny. High temperatures 88 to 94. Min RH 18 to 23%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Slope winds upslope to upslope to 5-8 mph except upper south slopes southwest 4-8 gusts to 12 mph.

EXTRA INFORMATION: Sunrise 6:22 Sunset 7:50

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 6	TYPE OF FIRE: Wildfire
FIRE NAME: Hough Complex	OPERATIONAL PERIOD: Night Shift 8/22/2013
DATE ISSUED: August 22, 2013	TIME ISSUED: 1100
UNIT: Plumas National Forest	SIGNED: Stewart Turner FBAN 

INPUTS

WEATHER SUMMARY:

Partly cloudy in the early evening becoming fair.

Minimum Temp 54°-58°, Maximum RH 70-78%, winds slope/valley downslope 5 mph, ridgetop southwest 5-10 mph through the early evening hours then light westerly to 5 mph after 2100.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Fire behavior will be low to moderate with higher humidity and rainfall, but will increase with thunderstorm outflow activity to active and very active. Rollouts and falling snags will be a problem contributing to the spread of the fire. Outflow winds will increase fire behavior and could dramatically change the spread direction of established fires. Local threshold for fire weather: Winds greater than 6 mph, humidity less than 20%, temperature greater than 80°, and 10 hour fuel moisture less than 5%. **The Probability of Ignition will be 76% at the beginning of shift to 13% by morning. The fine dead fuel moisture will be 4% to 14%. Currently the dead fuel moistures are low with the 1000 hour fuels around 8%.**

SPECIFIC:

Gusty winds around thunderstorms may cause erratic fire behavior.

Ridge: Expect to see growth up the ridges and into the Johnson fire.

Evens: Upslope growth is expected without any suppression activity.

The larger fuels will hold fire through the higher humidity periods. Strong winds can overcome high humidity and high fuel moisture causing sleeping fires to awaken and move around. New strikes on dry large fuels can hold for several days coming to life with a breath of life. Expect new starts from the predicted lightning. Watch the sky and listen to the radio for weather updates. Thunderstorms have been coming out of the south.

AIR OPERATIONS: Thunderstorms may limit air operations during the beginning of the shift.

SAFETY

FIRE BEHAVIOR

1. Keep informed on FIRE WEATHER conditions and forecasts.
2. Know what your FIRE is doing at all times, observe personally and use scouts.
3. Base all actions on current and expected FIRE BEHAVIOR.

SAFETY

4. Have ESCAPE ROUTES for everyone and make them known.
5. Post LOOKOUTS when there is possible danger.
6. Be ALERT, keep CALM, THINK clearly, ACT decisively.

OPERATIONS

7. Maintain prompt COMMUNICATION with your crew, your supervisor, and adjoining forces.
8. Give clear INSTRUCTIONS and be sure they are understood.
9. Maintain CONTROL of your crew at all times.
10. **Fight fire intelligently, having provided for SAFETY first.**

TYPE BEHAVIOR FORECAST

FORECAST NUMBER 8	TYPE OF FORECAST
DATE ISSUED August 23, 1955	OPERATIONAL PERIOD: NIGHT BATT 0000-0600
ISSUED FROM: National Forecast	ISSUED TO: National Forecast

STATUS

WEATHER SUMMARY

Cloudy, in the early evening becoming fair.

Minimum temp 54-58, maximum 64-68, wind speed 5-15 mph, light to moderate S. 10 mph through the early evening from the light to heavy after 1900.

OUTPUT

FORECAST

GENERAL

The behavior will be low to moderate with higher humidity and ceiling, but will increase with turbulence. The air will be very active and very active. Ceiling will be a problem corresponding to the amount of the low. The behavior will increase with turbulence and could decrease only during the period of turbulence. Clouds will be low to moderate. Wind gusts will be 10 mph, humidity less than 50%. Temperature will be 54-58 and 64-68. The probability of rain will be 25% in the beginning of the period. The time of rain will be 1900 to 2300. The probability of rain will be 25% in the beginning of the period and 10% in the 1900 hour to 2300 hour.

DISCUSSION

The behavior will be low to moderate with higher humidity and ceiling, but will increase with turbulence.

Clouds will be low to moderate with higher humidity and ceiling, but will increase with turbulence.

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STATUS

WEATHER SUMMARY

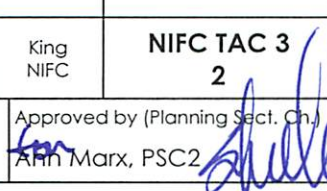
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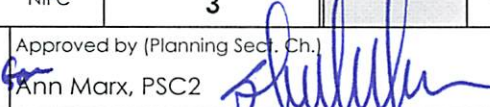
DISCUSSION

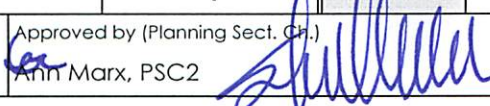
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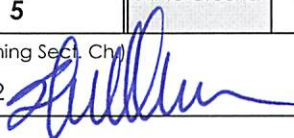
CONCLUSION

The behavior will be low to moderate with higher humidity and ceiling, but will increase with turbulence. The air will be very active and very active. Ceiling will be a problem corresponding to the amount of the low. The behavior will increase with turbulence and could decrease only during the period of turbulence. Clouds will be low to moderate. Wind gusts will be 10 mph, humidity less than 50%. Temperature will be 54-58 and 64-68. The probability of rain will be 25% in the beginning of the period. The time of rain will be 1900 to 2300. The probability of rain will be 25% in the beginning of the period and 10% in the 1900 hour to 2300 hour.

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group B			
3. Incident Name HOUGH COMPLEX			4. Operational Period Date: 08/22/2013 Time: NIGHT 1800-0600				
5. Operations Personnel							
Operations Chief (Day)		Steve Stoll / Mark Smith (T)		Division/Group Supervisor			
Operations Chief (Night)		John Abell Joe Sean Kennedy ICT3 (T)		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Neede d	Drop Off PT./Time	Pick Up PT./Time		
7. Control Operations KEDDIE, COOKS, RUBY, EVANS FIRES: Monitor and patrol as advised by Operations. Monitor for new starts, take suppression action as needed.				LCES MITIGATIONS See attached Safety Message Be vigilant to changing weather and weather alerts.			
8. Special Instructions KEDDIE FIRE: 18 ac. COOKS FIRE: ¼ ac. RUBY FIRE: 1 ac. EVANS FIRE: 15 ac.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 170.5500 TX 169.9000 Tone 5, 6	King NIFC	FOREST NET 1	Logistics		King NIFC	
Tactical Div/Group	RX/TX 168.6000	King NIFC	NIFC TAC 3 2	Air to Ground	RX/TX 169.1500	King NIFC	9
Prepared by (Resource Unit Ldr.) Bill Brickey, RESL		Approved by (Planning Sect. Ch.) Ann Marx, PSC2 		Date 08/22/2013		Time 1330	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group H			
3. Incident Name HOUGH COMPLEX		4. Operational Period Date: 08/22/2013 Time: NIGHT 1800-0600					
5. Operations Personnel							
Operations Chief	Steve Stoll / Mark Smith (T)		Division/Group Supervisor				
Branch Director (Night)	John Abell Joe Sean Kennedy ICT3 (T)		Air Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
ENG-T6-MN_WNA 861	LONDO	3	N				
ENG-T6-IA_IAS 952	SCHLATER	3	N				
7. Control Operations HUNT, MOUNTAIN, BEARDSLY, 32, DIXIE, PEERLESS, KESSLER FIRES: Patrol and Hold. Take suppression actions as needed.			LCES MITIGATIONS See attached Safety Message Be vigilant to changing weather and weather alerts.				
8. Special Instructions HUNT FIRE: 21 ac. Dozer/hose lined MOUNTAIN FIRE: ½ ac. Lined BEARDSLY FIRE: .1 ac. 32 FIRE: ¼ ac. Fire around 2 heavy snags DIXIE FIRE: 3/4 ac. Lined PEERLESS FIRE: .1 ac. KESSLER FIRE: 40 X50 Single tree							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 170.5500 TX 169.9000 Tone 5,6	King NIFC	FOREST NET 1	Logistics		King NIFC	
Tactical Div/Group	RX/TX 166.7250	King NIFC	NIFC TAC 5 3	Air to Ground	RX/TX 169.1500	King NIFC	7
Prepared by (Resource Unit Ldr.) Bill Brickey, RESL		Approved by (Planning Sect. Ch.)  Ann Marx, PSC2		Date 08/22//2013		Time 1200	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group W / Y			
3. Incident Name Hough Complex		4. Operational Period Date: 08/22/2013 Time: Night 1800-0600					
5. Operations Personnel							
Operations Chief (Day)		Steve Stoll / Mark Smith (T)		Division/Group Supervisor			
Operations Chief (Night)		John Abell Joe Sean Kennedy ICT3 (T)		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
CREW-T2IA-FIRESTORM 2 (C-?)		BAILEY	20	N	ICP / 1800	Base Camp / 0600	
CREW-T2-CSR (C-3)		OSBORN	20	N	ICP / 1800	Base Camp / 0600	
CREW-T2-FIRST STRIKE (C-2)		ROLES	20	N	ICP / 1800	Base Camp / 0600	
CRW-T2IA-TAMALPAIS		WALSH	20	N			
S/T-9123G							
ENGINE-T3- PNF E22		BRENZOVIK	5	N	ICP / 1800	Base Camp / 0600	
DOZER-T1- TGU 2540		GLENN/WILSON	1	N	ICP / 1800	Base Camp / 0600	
WT-T2-CA_PNF 2		HARWOOD	1	N	ICP / 1800	Base Camp / 0600	
WT-T2-COLLIER (E-14)		COLLIER	1	N	ICP / 1800	Base Camp / 0600	
7. Control Operations RIDGE FIRE/HEIGHT FIRES, JOHNSON FIRE: Construct direct and indirect line as needed. Hold and Patrol. Monitor for new starts. Take suppression actions as needed.				LCES MITIGATIONS See Attached Safety Message. Be vigilant to changing weather and weather alerts.			
8. Special Instructions RIDGE FIRE/HEIGHT FIRE: 228 ac. JOHNSON FIRE: 89 ac.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 170.5500 N TX 169.9000 N Tone 5,6	King NIFC	FOREST NET 1	Logistics		King NIFC	
Tactical Div/Group	RX/TX 166.7750 NIFC T6	King NIFC	NIFC TAC 6 4	Air to Ground	RX/TX 169.1500 N	King NIFC	7
Prepared by (Resource Unit Ldr.) Bill Brickey, RESL		Approved by (Planning Sect. Ch.)  Ann Marx, PSC2		Date 08/22/2013		Time 1300	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Structure			
3. Incident Name HOUGH COMPLEX		4. Operational Period Date: 08/22/2013 Time: NIGHT 1800-0600					
5. Operations Personnel							
Operations Chief (Day)		Steve Stoll / Mark Smith (T)		Division/Group Supervisor			
Operations Chief (Night)		John Abell Joe Sean Kennedy ICT3 (T)		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
ENG-T2-CA_PNS M7121		COURTRIGHT		3	N	BASE CAMP /1800	BASE CAMP / 0600
ENG-T2-CA_CHE 7222		TURNER		3	N	BASE CAMP /1800	BASE CAMP / 0600
ENG-T2-CA_QUI 8124		GAY		3	N	BASE CAMP /1800	BASE CAMP / 0600
ENG-T2-CA_QUI 8125		WILSON		3	N	BASE CAMP /1800	BASE CAMP / 0600
7. Control Operations Access structures threatened and prep as needed				LCES MITIGATIONS See attached Safety Message Be vigilant to changing weather and weather alerts.			
8. Special Instructions Notify Operations of any structure threat. Resources may be used for IA response.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 170.5500 TX 169.9000	King NIFC	FOREST NET 1	Logistics		King NIFC	
Tactical Div/Group	RX/TX 168.2500	King NIFC	NIFC TAC 7 5	Air to Ground	RX/TX 169.1500	King NIFC	7
Prepared by (Resource Unit Ldr.) Bill Brickey, RESL		Approved by (Planning Sect. Ch) Ann Marx, PSC2 		Date 08/22//2013		Time 1300	

Hough Complex – Safety Message

INCIDENT: # CA-PNF-001324

DATE: 08-22-13

TIME: 1800 – 0600 NIGHT

Major Hazards and Risks:

Environment

- **Thunderstorms (out flows) and lightning (page 19 in IRPG) Use 30/30 rule if it applies.**
- Rugged steep terrain/ Rolling rocks and other materials
- Watch for snags on the line and roads, mark them and make them known. Look up and live
- Possible wet and slick roads due to rain – please slow down and anticipate possible hazards
- MINES –There are vertical and horizontal mines, unmarked, on this fire. Look Up, Look Down, Look All Around. Your DIVS will have a map showing mine and asbestos locations
- Natural asbestos can get airborne when broken up by dozers (Not abundant in area, looks wet and glossy)

Human Factors

- Driving - Keep speeds down, seatbelts on and your headlights on. People on road in front of base camp
- Fatigue - Possible long travel distances for initial attack and the growing fatigue factor for all personnel
- Lookouts, Communication, Escape Routes and Safety Zones
- Don't forget to get an anchor point on new starts

Animals, Insects and Other Pests

- Ticks (Lyme Disease), Bees (aggressive), Mice (Hanta Virus), Rattle Snakes, Mountain Lions and Bears
- Numerous Deer on public roads during early morning and early evenings

Narrative:

Fire Order of the Day: Base all actions on current and expected behavior of the fire.

Lightning-30/30 rule: If you see lightning and hear the thunderclaps follow in less than 30 seconds, take the storm precautions on page 19 of the IRPG. Do not resume work in exposed areas until 30 minutes after storm activity has passed.

****Gold mining was a big part of this area's history as well as other types of mining. Please be alert for vertical shafts, even horizontal shafts contain life threatening hazards. Do Not go in any mine to explore or for any other reason. If you find it FLAG it and get GPS coordinates.**



Lightning Bolt

Night Shift Notes:

WATCH OUT SITUATIONS

- ✓ In country not seen in daylight
- ✓ On a hillside where rolling material can ignite fuel below
- ✓ Wind increases or changes direction
- ✓ Safety zones and escape routes not identified

Lookouts ---- Communications



Escape Routes ---- Safety Zones

Incident Safety Officers: Tom Zeulner SOF2 / Rick Bertram SOF2 (T) Lee Mercer- Forest Safety Officer

TZ

RB

HOUGH COMPLEX INCIDENT ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Re-clone radios if needed, check radio before going to line
ALL	HAZARD TREES	<ul style="list-style-type: none"> • Follow Hazard Tree Safety Guidelines IRPG p.20 • Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. • Be especially alert around snags during wind events. • Check for hazard trees & "widow-makers" • Night time complicates hazard tree identification
ALL	MINES	<ul style="list-style-type: none"> • Stay on assignment, do not wander off • Focus on the terrain while walking • Scan the area with your headlamp prior to walking in a direction • Stop often and look for irregularities in the terrain, - ex. Collapses • GPS spot, contact division, flag it off and ensure others notified
ALL	HAZARDOUS WEATHER	<ul style="list-style-type: none"> • Watch for changes in wind direction and intensity • Observe build up of clouds and be ready for downdrafts • Follow lightning protocol - IRPG P.19 • Slow down on wet roads and dirt roads • Monitor command channel for thunderstorm warnings
ALL	FIRE BEHAVIOR	<ul style="list-style-type: none"> • Review "Severe Fire Behavior Potential" IRPG p.78. • Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. • Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. • Adhere to 10 Std Fire Orders, mitigate 18 situations that shout... • Maintain Situational Awareness. LCES in place always.
ALL	FATIGUE	<ul style="list-style-type: none"> • Be alert for signs of fatigue and take breaks as necessary. • Maintain 2:1 work/rest ratio. • Monitor incoming resources for level of fatigue. • Be alert for signs of heat stress in yourself and others. • Drinking water before, during and after shifts, 3 to 1 water to Gatorade
ALL	DRIVING	<ul style="list-style-type: none"> • Watch for logging trucks on local roads. • Keep speeds down, don't drive distracted • Watch out for people crossing street by base camp...stay alert!
ALL	LINE CONSTRUCTION	<ul style="list-style-type: none"> • Ensure LCES in place prior to engagement IRPG p. 6. • Establish adequate safety zones IRPG p.7. • Use Downhill Line Checklist IRPG p. 8. • Follow "Look Up, Look Down, Look Around" procedures IRPG p. 2-3 • Utilize Risk Management Process IRPG p.1.
ALL	INITIAL ATTACK	<ul style="list-style-type: none"> • Do the Risk Management process prior to any engagement • LCES will be in place during any operation. • This country requires you to LOOK UP, LOOK DOWN AND AROUND. • The weather can change instantly, always be observant. • Base all actions on current and expected fire behavior
	DATE PREPARED: August 22, 2013	OPERATIONAL PERIOD 1800 to 0600 NIGHT Shift 08/22/13 Prepared by 
	TIME PREPARED: 1030 hrs	T. Zeulner SOF 2 R. Bertram SOF 2 (T) 

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name Hough Complex		Date/Time Prepared 8/22/13 1200 HRS.			Operational Period Date/Time 8/22/13 -1800-0600		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode	Remarks	
1	COMMAND	FOREST NET	ALL DIVISIONS	170.5500 N		169.9000 N		A	T5-Kettlerock/T6-Mt.Hough	
2	TACTICAL	NIFC T3	DIVISION B	168.6000 N		168.6000 N		A		
3	TACTICAL	NIFC T5	DIVISION H	166.7250 N		166.7250 N		A		
4	TACTICAL	VTAC 11	CONTINGENCY	151.1375 N		151.1375 N	156.7	A	MUST USE T6 TO TX	
5	TACTICAL	NIFC T6	DIVISION W/Y	166.7750 N		166.7750 N		A		
6	TACTICAL	NIFC T7	STR GRP	168.2500 N		168.2500 N		A		
7	TACTICAL	VTAC 13	CONTINGENCY	158.7375 N		158.7375 N	156.7	A		
8	TACTICAL	NIFC T2	INITIAL ATTACK	168.2000 N		168.2000 N		A		
9	AIR TO GROUND	AIR/GRND	ALL DIVISIONS	169.1500 N		169.1500 N		A		
10										
11										
12										
13										
14										
15	CALCORD	Medical	CALCORD	156.0750 N		156.0750 N	156.7	A	A/G MEDICAL EMERGENCIES TONE 6	
16	Air Guard	Guard	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	Ground to Air EMERGENCY ONLY TONE 1	
5. Prepared by (Communications Unit) David Paschke, COML					Incident Location County Plumas State CA Latitude N Longitude W					

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25) **Last Clone 08-22**

MEDICAL PLAN ICS 206	1. INCIDENT NAME Hough Complex	2. DATE PREPARED 08/22/13	3. TIME PREPARED 0930	4. OPERATIONAL PERIOD DATE / TIME	
				08/22/13	1800 - 0600

5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
Medical Unit	Base Camp	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

6. TRANSPORTATION

A. MEDEVAC SERVICES

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
Mountain Life Lite 5	650 Ash St. Susanville	530-257-2444	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Enloe Flight Care (NVG)	Enloe Medical Center, Chico	800-344-1863	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHP Helicopter (Hoist)	2651 Gold St. Redding	530-225-2040	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Raven – Washoe County Sheriff's (Hoist, NVG)	Reno-Stead, Nv	775-785-4228	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. AMBULANCES

NAME	LOCATION	PARAMEDICS	
		YES	NO
Plumas 1	Staging Throughout Incident	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME From ICP		PHONE	HELIPAD		BURN CENTER	
		AIR	GROUND		YES	NO	YES	NO
Plumas District Hospital Minor Trauma	1065 Bucks Lane, Quincy, Ca. N39° 56.41' x W120° 57.72'	15 Min	40 Min	530-283-2121 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Enloe Medical Center Level 2	1531 Esplanade, Chico, Ca. N39° 44.78' x W121° 51.03'	45 Min	2 Hr	916-786-3033 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UC Davis Medical Center Level 1	2315 Stockton Blvd. Sacramento N38° 33.2907', W121° 27.3771'	Min	3 Hr	916-734-3892 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Renown Health Medical Level 2	1155 Mill St. Reno N39° 13.6853' x W121° 2.8323'	45 Min	2 Hr	775-982-4144 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY

Crew Supervisor to contact Division Supervisor with complaint and Location.

- Division Supervisor Contacts:
 1. Line EMT
 2. Communications Unit
- Communications Unit contacts:
 1. Medical Unit
 2. Operations
 3. Air Operations / Helibase
 4. Safety
 5. Liaison
- Division Supervisor will designate Point of Contact who will run emergency on command channel
- Communication Unit will clear command channel for emergency traffic
- Medical Unit
 1. Arrange proper transportation
 2. Notify receiving hospital of injury status.

BASE CAMP / ICP EMERGENCY

Contact Medical Unit with patient complaint/ condition and location. Medical Unit will respond to stabilize incident:

- Medical Unit contacts:

1. Communications	4. Operation
2. Safety	5. Crew Supervisor
3. Logistic	

INJURY REPORTING PROCEDURES

NATURE OF INJURY _____
 LOCATION OF PATIENT _____
 TRANSPORTATION REQUEST BY: AIR ___ GROUND ___
 AIR FREQUENCY: Medical (Ch 15 on Incident Radio)
 POINT OF PICK UP _____
 LAT _____ LONG _____
 PATIENT UNIT ID _____
 IS EMT WITH PATIENT: YES ___ NO ___
 AGE: _____
 SEX: MALE ___ FEMALE ___
 History: _____
 Medication: _____
 Allergies: _____
 Vitals and other information:

9. PREPARED BY (MEDICAL UNIT LEADER)

Tye Johnson MEDL-T Medical: (530) 284-1047

10. REVIEWED BY (SAFETY OFFICER)

Tom Zeulner SOF2

Fire Information

Just a friendly reminder, when you are out in the community and are approached by the public, please answer only questions that you are certain of. If uncertain of a question asked, please refer the community to the Public Information Officers in the ICP.

Also, please advise the community of the following information resources:

InciWeb – www.inciweb.org

Twitter – Central Coast IMT7

Thanks for your help,

CCIIMT7 PIOs

HARD LINE CELL PHONES FOR HOUGH FIRE

IC / Safety	530-284-7596
Operations	530-284-6685
PIO	530-284-7120
PIO	530-284-1815
Resource / Demob	530-284-1582
Finance	530-284-7068
Med Unit	530-284-1047
Comm Unit	530-284-1824
Plans	530-284-0823
Supply / Ordering	530-284-6238
Situation	530-284-1856
Weather	530-284-0915

Incident Trainee / Trainer Data Worksheet

PLEASE PRINT LEGIBLY!

A: Trainee Data

Trainee Name: _____

Trainee Position: _____ Order Number (E, O, C, A) ____--_____

State Abr. ____ + 3 Letter Designator _____ Agency Type: Federal State Local

USFS BLM BIA FWS DOD NWS NPS Date Assigned: ____--____--_____

Ordered as a Trainee for the incident? Yes No Ordered as a PRIORITY trainee? Yes No

**Person's name and title that is responsible for tracking your qualifications:
(Where do you want the packet mailed to?)**

Name: _____ Title: _____ Home Unit: _____

Agency Address: _____ City: _____

State: _____ Zip: _____ Phone Number: () ____--_____

B. Trainee Prerequisites

	YES	NO
1. Possesses valid Red Card or agency certification card?	<input type="radio"/>	<input type="radio"/>
2. Trainee has a proper agency initiated position task book?	<input type="radio"/>	<input type="radio"/>
3. Trainee has an incident issued task book?	<input type="radio"/>	<input type="radio"/>

C. Trainer/Evaluator Data (All fields are required to be filled in)

Trainer/Evaluator Name: _____ Position: _____

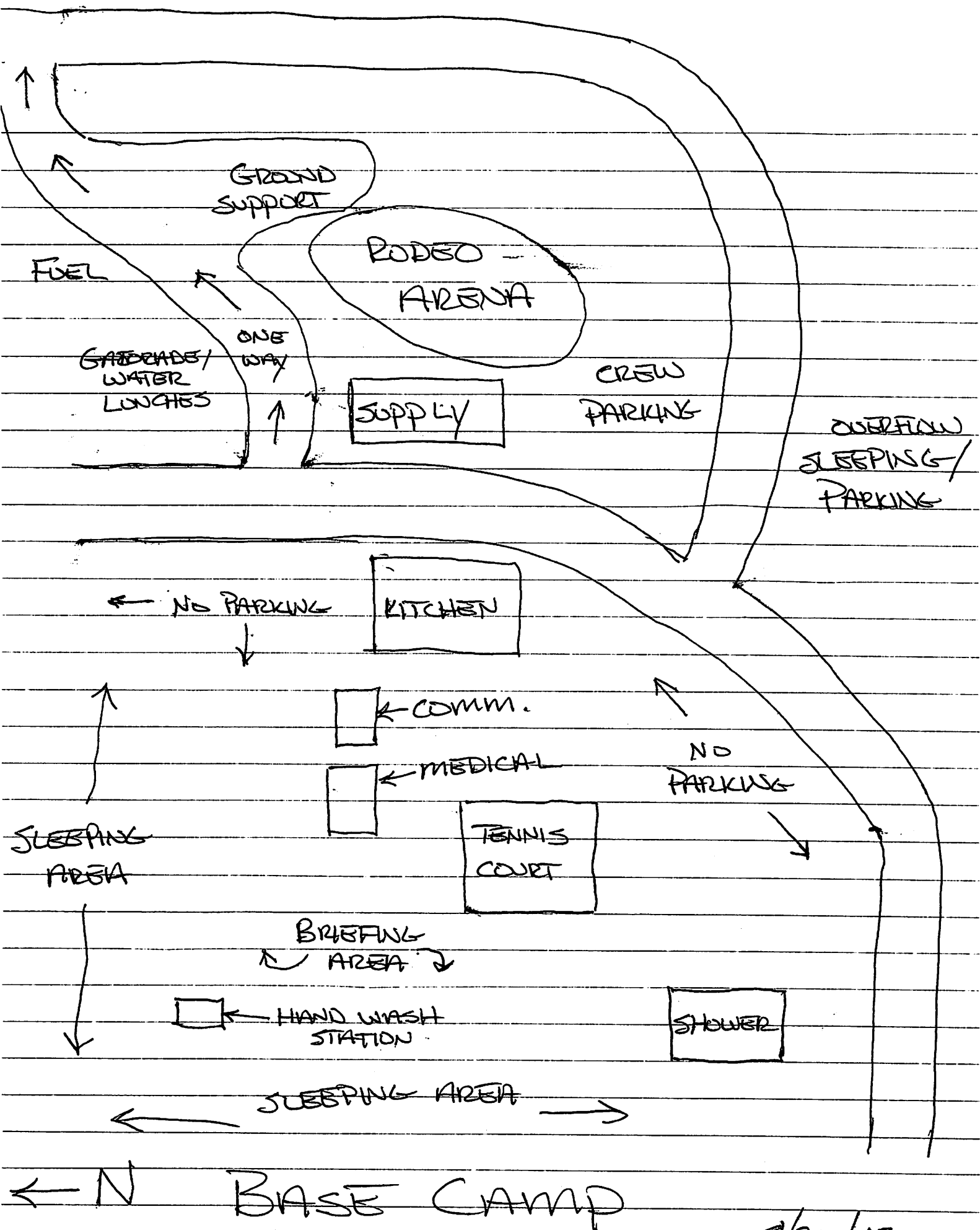
Home Unit: _____ Order Number (E, O, C, A) ____--_____

Work Address: _____ City: _____ State: _____

Zip Code: _____ Phone Number: () ____--_____

D. Trainee Goals (items in the position task book to be evaluated on this incident)

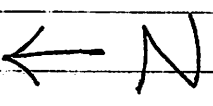
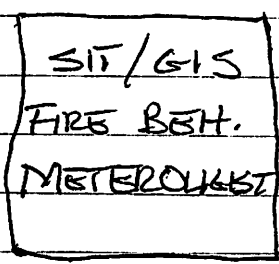
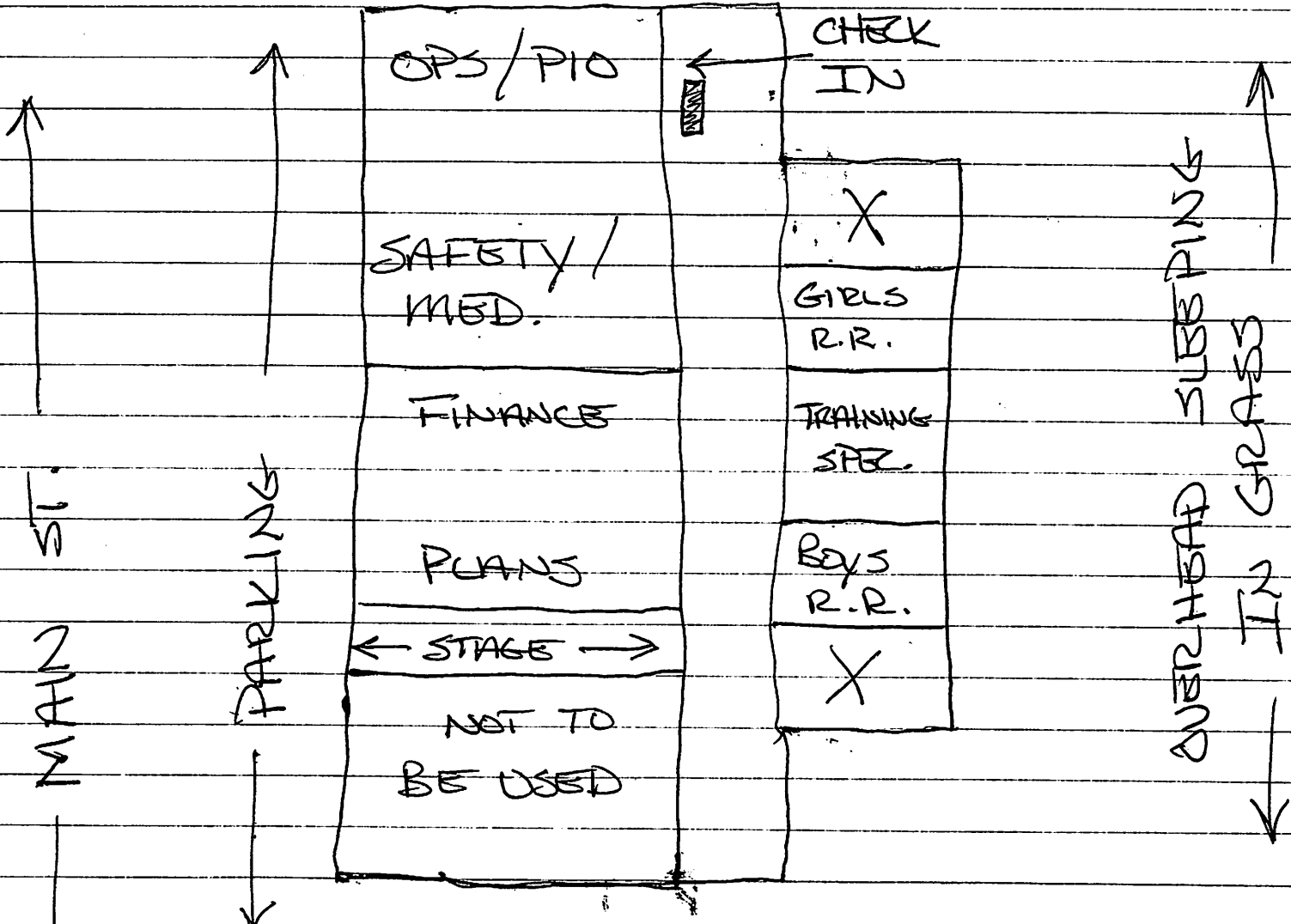
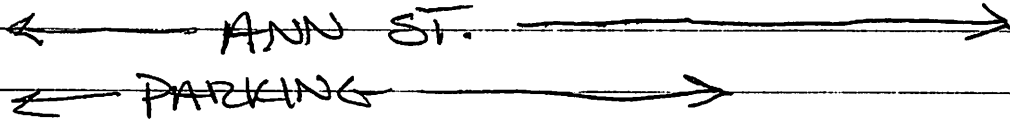
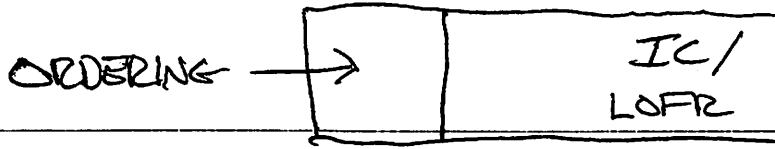
1. _____
2. _____
3. _____



8/20/13

GRANGES BLDG.

ICP



8/20/13

